GLAXOSMITHKLINE PLC Form 6-K October 16, 2008

#### FORM 6-K

#### SECURITIES AND EXCHANGE COMMISSION Washington D.C. 20549

**Report of Foreign Issuer** 

Pursuant to Rule 13a-16 or 15d-16 of the Securities Exchange Act of 1934

For period ending October 16, 2008

**GlaxoSmithKline plc** (Name of registrant)

980 Great West Road, Brentford, Middlesex, TW8 9GS (Address of principal executive offices)

Indicate by check mark whether the registrant files or will file annual reports under cover Form 20-F or Form 40-F

Form 20-F x Form 40-F

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Indicate by check mark whether the registrant by furnishing the information contained in this Form is also thereby furnishing the information to the Commission pursuant to Rule 12g3-2(b) under the

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#### Securities Exchange Act of 1934.

Yes No x

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## Notification of Transactions of Directors, Persons Discharging Managerial Responsibility or Connected Persons

I give below details of changes in interests in the Ordinary shares of GlaxoSmithKline plc in respect of the under-mentioned persons, arising from the purchase of Ordinary shares on 9 October 2008 following the reinvestment of dividends, under a Single Company ISA at a price of  $\pounds 11.30$  per Ordinary share:

Mr A P Witty	5
Mr J S Heslop	7
Mr S M Bicknell	32
Mr E J Gray	6
Mr D S Redfern	6

The Company and the above named persons were advised of this information on 16 October 2008.

This notification relates to a transaction notified in accordance with Disclosure and Transparency Rule 3.1.4R(1)(a).

V A Whyte Deputy Company Secretary

16 October 2008

## SIGNATURES

Pursuant to the requirements of the Securities Exchange Act of 1934, the registrant has duly caused this report to be signed on its behalf by the undersigned, thereunto duly authorised.

GlaxoSmithKline plc (Registrant) Date: October 16, 2008

# By: VICTORIA WHYTE

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Victoria Whyte Authorised Signatory for and on behalf of GlaxoSmithKline plc